



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

10. White Ladies' Red Straw (*Gallium Saxatile*) flowering.
11. Dog Rose (*Rosa Canina*) flowering.
12. Ling Heath (*Erica cinerea*) flowering.
19. Mouse-ear Hawk-weed (*Hieracium Pilosella*) flowering.

### METEOROLOGICAL REPORT.

*From May 20, till June 20.*

In our last, mention was made of the powerful influence of the winds on our temperature and moisture; during the present period we have every reason to remember our remark. For the greater part of May there never was finer and warmer weather known at the season, and we flattered ourselves that Summer had occupied the place of Spring, and that we had done with Winter, but the wind changing, brought back such chilling blasts as soon convinced us that our station was within the confines of the Frigid Zone. Accounts from England, in the papers of the 6th of June, mention snow being eighteen inches deep on the turnpike-road, on Shapfells, Cumberland; and some of the high mountains of the county Donegall, were white for several days about the same time.

|                 |                                      |
|-----------------|--------------------------------------|
| May 21, 22      | - - - - - Showery,                   |
| 23, 24, 25,     | - - - - - Fine,                      |
| 26,             | - - - - - Rain at Night,             |
| 27,             | - - - - - Fair,                      |
| 28, 29,         | - - - - - Showery,                   |
| 30,             | - - - - - Rain,                      |
| 31,             | - - - - - Showery,                   |
| June 1, 2,      | - - - - - Stormy and wet,            |
| 3,              | - - - - - Fine,                      |
| 4,              | - - - - - Showery,                   |
| 5,              | - - - - - Wet,                       |
| 6,              | - - - - - Showery,                   |
| 7,              | - - - - - Wet,                       |
| 8, 9,           | - - - - - Showery,                   |
| 10,             | - - - - - Showery morning, fine day, |
| 11,             | - - - - - Fine,                      |
| 12, 13,         | - - - - - Some light showers,        |
| 14,             | - - - - - Wet morning,               |
| 15,             | - - - - - Light showers,             |
| 16,             | - - - - - Dark threatening rain,     |
| 17, 18, 19, 20, | - - - - - Fine.                      |

The predominant range of the Barometer has been below 30. and on the 6th of June it was so low as 28.9.

The lowest point at which the Thermometer stood, at 2, P. M. was 43 on the 1st of June, and the highest was on the 25th, when it stood at the same hour, at 72.

The general prevalence of the wind has been Southerly 16; Northerly 7, and Westerly 4; of the intermediate points, S.W. has been 10, and S.E. 7 times.

### CELESTIAL PHENOMENA.

FOR JULY 1809.

On the first, the Moon rises at 46 min. past 10 aft. under the 4 stars in the triangle of the Water-pot, and during the night they would be particularly remarked, if not obscured by her superior splendour.

Fifth, She rises at 0, morning, a little after Jupiter, having passed him before noon the preceding day, above her are the three first stars of the Ram, and she is nearest the 3d of these stars. As she mounts the heavens, Jupiter being to the west, and Venus considerably to the east of her, will form a pleasing groupe before sun rise; she passes the ecliptic on this day before noon but without producing an eclipse.

Tenth, She rises at 43 min. past 2 A. M. and sets at 31 min. past 6 P. M.

Fifteenth, We observe to the west of her the 17th star of the Lion, which she passed about a quarter past 5 in the evening, above her is the first of the Lion, to the west, and she is directing her course towards Mars which is very considerably to the east of her; at 9 she is  $52^{\circ} 32'$  from the first of the Virgin.—She sets this evening at 19 min. past 9.

Twentieth, She is to the east of the Virgin and Mars; she is near, but to

the east of the 11th of the Virgin, which she passed at 55 min. past 7, and as she will pass Hershell at 9 min. past 10, she will at 9 be nearly midway between the star and the planet; if the night be clear, any observer may now mark the position of this distant planet, and with a telescope discover him on a future night when the moon will be at a greater distance from him. At 9 she is  $32^{\circ} 33'$  from Antares.

Twenty-fifth, She rises at 7 min. past 7 and passes the meridian at 23 min. past 11 aft. having above to the east of her the two first stars of the Goat, and below her to the west the small stars in the head of the Archer, at 9 she is  $62^{\circ} 55'$  from the first of Pegasus and  $41^{\circ} 46'$  from Antares.

Thirtieth, She rises at 32 min. past 9, being under the 4 stars in the Square, and passes the line drawn through the two eastern of these stars before sun-rise.

Mercury is in his inferior conjunction on the 10th, and, of course, will be too near the sun to be visible till toward the latter part of the month at which time he may be seen half an hour before sun rise, near east, north-east.

Venus is a morning star during the whole of the month, and will shine with great splendour at a considerable height in the heavens, in which her path is very conspicuous. During the greater part of this month she will form a pleasing prospect with a variety of the brilliant fixed stars, which it may reasonably be supposed will greatly arrest the attention of the curious.

Mars is an evening star this month, and on the 1st will be found near to, but west of the first of the Virgin, the Moon passes him on the morning of the 20th.

Jupiter may be looked for in the eastern hemisphere in the mornings, though he rises about midnight on the 1st and earlier every successive night: the Moon passes him on the 5th.

Saturn is on the meridian at 26 min. after 9, on the evening of the 1st, and 11 min. past 8 on the 19th, to the east of him is the second of the Scorpion, and below him the 11th of the Balance. Thus we have Mars, Hershell, and Saturn to amuse our evening walks, and the early riser will be gratified with observations on Mercury, Venus and Jupiter: the Moon passes him on the 22d.

Hershell is stationary on the 15th. During the whole month he is in a favourable situation to be observed, the Moon passes him on the 20th.

#### ECLIPSES OF JUPITER'S SATELLITES.

| 1st SATELLITE.    |    |    |    | 2d SATELLITE.     |    |    |    | 3d SATELLITE. |    |    |        | 4th SATELLITE.               |    |    |    |
|-------------------|----|----|----|-------------------|----|----|----|---------------|----|----|--------|------------------------------|----|----|----|
| <i>Immersion.</i> |    |    |    | <i>Immersion.</i> |    |    |    |               |    |    |        |                              |    |    |    |
| DAYS.             | H. | M. | S. | DAYS.             | H. | M. | S. | DAYS.         | H. | M. | S.     | DAYS.                        | H. | M. | S. |
| 2                 | 12 | 57 | 10 | 4                 | 6  | 27 | 18 | 5             | 23 | 54 | 15 Im. |                              |    |    |    |
| 4                 | 7  | 25 | 34 | 7                 | 19 | 45 | 31 | 6             | 2  | 25 | 15 E.  |                              |    |    |    |
| 6                 | 1  | 53 | 59 | 11                | 9  | 4  | 54 | 13            | 3  | 55 | 56 Im. |                              |    |    |    |
| 7                 | 20 | 22 | 24 | 14                | 22 | 23 | 7  | 13            | 6  | 25 | 48 E.  |                              |    |    |    |
| 9                 | 14 | 50 | 48 | 18                | 11 | 42 | 31 | 20            | 7  | 56 | 42 Im. | * First Satellite Continued. |    |    |    |
| 11                | 9  | 19 | 13 | 22                | 1  | 0  | 47 | 20            | 10 | 25 | 28 E.  | 22                           | 0  | 9  | 40 |
| 13                | 3  | 47 | 38 | 25                | 14 | 20 | 10 | 27            | 11 | 57 | 26 Im. | 23                           | 18 | 38 | 4  |
| 14                | 22 | 16 | 2  | 29                | 3  | 38 | 23 | 27            | 14 | 25 | 14 E.  | 25                           | 13 | 6  | 29 |
| 16                | 16 | 44 | 27 |                   |    |    |    |               |    |    |        | 27                           | 7  | 34 | 53 |
| 18                | 11 | 12 | 51 |                   |    |    |    |               |    |    |        | 29                           | 2  | 3  | 18 |
| 20                | 5  | 41 | 15 |                   |    |    |    |               |    |    |        | 30                           | 20 | 31 | 43 |

Look to the right hand.\*

#### TO CORRESPONDENTS.

We must decline the Correspondence of William. We find that one of the articles which we inserted lately with his signature, was set to music upwards of twenty years ago.

The following papers do not suit us. J. M. on Decorum; and a second article from the same writer, on Knowledge. Philanthropos. An ironical defence of Sterne, W. M'W. on the same subject. The latter is mistaken in his surmise.

The following pieces of Poetry are rejected. R. B. A Sonnet and Stanzas, signed W.H.D.

*Errata.*.....We crave the Author's and our Reader's indulgence for an error in the press, in our last number, at page 368, col. 2d, five lines from the bottom, for mind read mine, in the Sonnet to the Red-breast; as it stands, the writer is made to speak of "a bird's mind," an error of which he was not guilty.—Page 415, col. 2d, line 4 from the bottom of the page, dele poor.—Page 435, col. 2nd, line 29 from the bottom of the page, for tales read tails.